U.S. Environmental Protection Agency
Office of Prevention, Pesticides and Toxic Substances
Office of Pollution Prevention and Toxics
Information Management Division

SHAWN RAJABI, ECR ALASKAN COPPER WORKS 3200 6TH AVE. S. SEATTLE, WA 98134 02/20/98

TRI ID #: 98134-LSKNC-32006

Reporting Year: 1995

TOXIC RELEASE INVENTORY (TRI)

RELEASE VALUE REPORT

The attached reports list the chemical identities and corresponding release values for your Form R reports.

It has come to the Environmental Protection Agency's (EPA's) attention that, in some cases, the Reporting Year 1996 Automated Form R (AFR) for Windows has caused the omission or misrepresentation of Receiving Stream, POTW/Off-Site and/or On-Site Waste Treatment data.

Therefore, it is important that you take extra time to check the Section 5.3, Section 6.1, Section 6.2 and Section 7A, Column D information in the attached Release Value Report (RVR) against your own Form R records.

If the data on the attachment do not match the information on the Forms R you submitted, please let EPA know as soon as possible by following these instructions:

On the attached report, fill in missing data or mark through any erroneous value and write the correct value next to it.

Return the corrected report within 21 days of receipt to both EPA and to the same State organization to which you sent a copy of the original submission.

o EPA Address

The EPCRA Reporting Center P.O. Box 3348
Merrifield, VA 22116-3348
Attn: TRI RVR

If you're sending by overnight delivery, return the corrected report to:

The EPCRA Reporting Center c/o Computer Based Systems, Inc. Suite 300 4600 North Fairfax Drive Arlington, VA 22203 Attn: TRI RVR

o State Address

IDELL HANSEN
DEPARTMENT OF ECOLOGY
COMMUNITY RIGHT-TO-KNOW UNIT
P.O. BOX 47659
OLYMPIA, WA 98504-7659

EPA recommends that Government-Owned Contractor Operated (GOCO) facilities send copies of their corrections to their associated Federal Facilities.

If you do not find any errors in the report, no further action is required.

If you have any questions about this, please call the Automated Form R User Support Hotline at (703) 816-4434. Thank you for your cooperation in this matter.

/s/ Janette Petersen, Chief
Toxic Release Inventory Information
Management Branch (7407)

Enclosure (s)

LASKAN COPPER WORKS 200 6TH AVE. S. EATTLE, WA 98134

RELEASE VALUE REPORT

3-95-09	CONTROL NBR. CHEMICAL NAME 0048907-9-WA NITRIC ACID		0.0	AS NUMBER 7697-37-2
	Environmental Medium	A.Total	B.Basis of Est.	C.%From Stormwtr
5.1	Fugitive or non-point air emissions		0	
5.2	Stack or point air emissions	NA		
5.3	Discharges to receiving streams/water Stream or Water Body Name	bodies	*	
5.3.1	NA .			.00
5.4	Underground Injections	NA		
5.5.1	Releases to landfill	NA		
5.5.2	Land treatment/application farming	NA		
5.5.3	Land treatment/application farming Surface impoundment	NA		
	Other land disposal	NA		
6.1	Discharges to Publicly Owned Treatmen A.Total Transfers: 0	t Works(POTW) B.Basis of	Est. M	
6.1.B.1	POTW Name: METRO			
	Street Address: 821 SECOND AVE.			
	City: SEATTLE	County: KIN	(G	
	State: WA	ZIP: 981	04	
6.1.B.2	POTW Name:			
	Street Address:			
	City:	County:		
	State:	ZIP:		
6.2	Transfers to Other Off-site Locations	•		
6.2	Off-site EPA Identification Number (R Offsite Location Name: BURLINGTON ENV Street Address: 1701 ALEXANDER			945
	City: TACOMA	County: PI		
	State: WA	ZIP: 98	S 1951 C	
	Is Location under control of reporting 1) A.Transfers: 4,425 B.Basis			

7A.	ON-SITE	WASTE TRE	ATHENT	METHODS	AND EFFICIE	NCY	
	a.Genera	l b.Wast	e Trea	tment	c.Range of	d.Efficiency	e.Based on
	Waste	Meth	od(s)	Sequence	Influent	Estimate	Operating
	Stream			alife et f	Concent.		Data?
7A.1	W	1.001	2.009	3.C11	1	100.00	YEŠ
7B.	ON-SITE	ENERGY RE	COVERY	PROCESSE	S		
7C.	ON-SITE	RECYCLING	PROCE	SSES			
	1.NA						
8.1.A	Quantity	released					5
8.1.B	Quantity	released					5
8.1.C	Quantity	released					5
8.1.D	Quantity	released					5
8.2.A	Quantity	used for	energ	y recover	y on-site		C
8.2.B	Quantity	used for	energ	y recover	y on-site		0
8.2.C	Quantity	used for	energ	y recover	y on-site		0
8.2.D	Quantity	used for	energ	y recover	y on-site		•
8.3.A	Quantity	used for	energ	y recover	y off-site		0
8.3.B					y off-site		0
8.3.C	Car Indicate Control Control				y off-site		0
8.3.D	Quantity	used for	energ	y recover	y off-site		0
8.4.A		recycled					. 0
8.4.B	Quantity	recycled	on-si	te	e e		0
8.4.C		recycled					0
8.4.D		recycled					0
8.5.A		recycled					0
8.5.B	The public roots of the second sections	recycled					0
8.5.C		recycled					0
8.5.D		recycled					0
8.6.A		treated					11,400
8.6.B		treated					18,600
8.6.C		treated					12,000
8.6.D		treated					12,000
8.7.A		treated					0
8.7.B	1/. ()	treated					4,425
8.7.C	S (=).	treated				a a	0
8.7.D		treated					0
8.8	Quantity	released	from	catastrop	hic/remedia	l action	0
					- C. C. T.		

Production ratio or activity index

8.9

	Environmental Medium			sis C.%From st. Stormwtr
5.1	Fugitive or non-point air emissions		15 O	
5.2	Stack or point air emissions		NA	
5.3	Discharges to receiving streams/water b Stream or Water Body Name	odies		
5.3.1	'NA			.00
5.4	Underground Injections		NA	
5.5.1	Releases to landfill		NA	
5.5.2	Land treatment/application farming		NA	
5.5.3	Surface impoundment		NA	
5.5.4	Other land disposal	:	NA	
6.1	Discharges to Publicly Owned Treatment			
	A.Total Transfers: 1 - 10	B.Basis	of Est.	M
6.1.B.1	POTW Name: METRO			
	Street Address: 821 SECOND AVE.			
	City: SEATTLE	County:		
	State: WA	ZIP:	98104	
6.2	Transfers to Other Off-site Locations			
6.2	Off-site EPA Identification Number (RCR Offsite Location Name: WORLD RESOURCES Street Address: 8113 WEST SHERMAN City: PHOENIX			735500
	State: AZ	ZIP:	85043	
	Is Location under control of reporting 1) A.Transfers: 9,457 B.Basis o			
6.2	Off-site EPA Identification Number (RCR Offsite Location Name: BURLINGTON ENVIR Street Address: 20245 77TH AVE. SOUTH City: KENT	ONMENTAL	- KNT	281767
	State: WA	ZIP:		
	Is Location under control of reporting			co.? N
	1) A.Transfers: 305 B.Basis o			
7A.	ON-SITE WASTE TREATMENT METHODS AND EFF a.General b.Waste Treatment c.Range Waste Method(s) Sequence Influ Stream Conce	of d.E		e.Based on Uperating Data?
7A.1	NA		0.00	
7B.	ON-SITE ENERGY RECOVERY PROCESSES 1.NA			
7C.	ON-SITE RECYCLING PROCESSES			

8.1.B	Quantity	released				15
8.1.C	Quantity	released				10
8.1.D	Quantity	released			[편집] 회원님 [호텔 - [단점]	10
8.2.A	Quantity	used for	energy recover	y on-site		0
8.2.B	Quantity	used for	energy recover	y on-site		9
8.2.C	Quantity	used for	energy recover	y on-site		0
8.2.D	Quantity	used for	energy recover	y on-site		9
8.3.A	Quantity	used for	energy recover	y off-site		O
8.3.B	Quantity	used for	energy recover	y off-site		0
8.3.C	Quantity	used for	energy recover	y off-site		0
8.3.D	Quantity	used for	energy recover	y off-site		0
8.4.A	Quantity	recycled	on-site			0
8.4.B	Quantity	recycled	on-site			0
8.4.C	Quantity	recycled	on-site			. 0
8.4.D	Quantity	recycled	on-site			Ó
8.5.A	Quantity	recycled	off-site		6,	746
8.5.B	Quantity	recycled	off-site		9,	762
8.5.C	Quantity	recycled	off-site		6,	900
8.5.D	Quantity	recycled	off-site		6,	900
8.6.A	Quantity	treated o	on-site			0
8.6.B	Quantity	treated o	on-site			0
8.6.C	Quantity	treated o	on-site			0
8.6.D	Quantity	treated	on-site			0
8.7.A	Quantity	treated	off-site			0
8.7.B	Quantity	treated	off-site			305
8.7.C	Quantity	treated	off-site			. 3
8.7.D	Quantity	treated	off-site			Ó
8.8	Quantity	released	from catastrop	hic/remedial ac	tion	0
8.9	Producti	on ratio	or activity ind	lex	2	.31

.1		4.823.86	4 90		C.%From Stormwt
	Fugitive or non-point air emissions		5	0	
.2	Stack or point air emissions		NA		
.3	Discharges to receiving streams/water boo Stream or Water Body Name	dies			
.3.1	MA THE STATE OF TH				.0
.4	Underground Injections		NA		
.5.1	Releases to landfill		NA		
.5.2	Land treatment/application farming		NA		
.5.3	Surface impoundment		NA		
.5.4	Other land disposal		NA		
. 1	Discharges to Publicly Owned Treatment Wo	orks(P0)	 [W)		
		B.Basis		st. M	
.1.B.1	POTW Name: METRO				
	Street Address: 821 SECOND AVE.				
	City: SEATTLE	County:	KING		
	State: WA		98104		
.2	Off-site EPA Identification Number (RCRA Offsite Location Name: WORLD RESOURCES CO		.): AZ	D980735	500
	Street Address: 8113 WEST SHERMAN				
	City: PHOENIX	County:	MARIC	OPA	
	State: AZ		85043		
	Is Location under control of reporting Fa 1) A.Transfers: 7,666 B.Basis of	acility	or pa	rent co	
.2	Off-site EPA Identification Number (RCRA Offsite Location Name: BURLINGTON ENVIROR Street Address: 20245 77TH AVE. SOUTH City: KENT State: WA	NMENTAL County:	- KNT		767
	Is Location under control of reporting Fa	acility	or pa	rent co	.? N
	1) A.Transfers: 11 - 499 B.Basis of				
Α.	ON-SITE WASTE TREATMENT METHODS AND EFFICE a.General b.Waste Treatment c.Range concert Waste Method(s) Sequence Influence Stream Concert	of d.l	Effici Estima	te (Based on Operating Data?
'A.1			0.0		
'A.1	NA ON-SITE ENERGY RECOVERY PROCESSES 1.NA		0.0		

8.1.A	Quantity	released	5
8.1.B	Quantity	released	5
8.1.C	Quantity	released	5
8.1.D	Quantity	released	5
8.2.A	Quantity	used for energy recovery on-site	ø
8.2.B	Quantity	used for energy recovery on-site	. 0
8.2.C	Quantity	used for energy recovery on-site	Ø
8.2.D	Quantity	used for energy recovery on-site	0
8.3.A	Quantity	used for energy recovery off-site	. 0
8.3.B	Quantity	used for energy recovery off-site	. 0
8.3.C	Quantity	used for energy recovery off-site	0
8.3.D	Quantity	used for energy recovery off-site	0
8.4.A	Quantity	recycled on-site	0
8.4.B	Quantity	recycled on-site	0
8.4.0	Quantity	recycled on-site	0
8.4.D	Quantity	recycled on-site	0
8.5.A	Quantity	recycled off-site	5,839
8.5.B	Quantity	recycled off-site	7,666
8.5.C	Quantity	recycled off-site	8,000
8.5.D	Quantity	recycled off-site	8,000
8.6.A	Quantity	treated on-site	0
8.6.B	Quantity	treated on-site	0
8.6.C	Quantity	treated on-site	0
8.6.D	Quantity	treated on-site	Û
8.7.A	Quantity	treated off-site	0
8.7.B	Quantity	treated off-site	499
8.7.C	Quantity	treated off-site	9
8.7.D	Quantity	treated off-site	0
8.8	Quantity	released from catastrophic/remedial action	0
8 9		on ratio or activity index	2.31

13-95-09	9048910-5-WA MANGANESE COMPOUNDS			- N450
	Environmental Medium		B.Basis of Est.	C.%From Stormwtr
5.1	Fugitive or non-point air emissions	5	0	
5.2	Stack or point air emissions	NA		
5.3	Discharges to receiving streams/water b	odies		
5.3.1	Stream or Water Body Name NA			.00
5.4	Underground Injections	NA		
5.5.1	Releases to landfill	NA		
5.5.2	Land treatment/application farming	NA NA		
	Surface impoundment	NA NA		
	Other land disposal	NA		
	· 			
6.1	Discharges to Publicly Owned Treatment A.Total Transfers: NA	Works(POTW) B.Basis of	Est.	
6.1.B.1	POTW Name: NA			
	Street Address:			
	City:	County:		
	State:	ZIP:		
6.2	Transfers to Other Off-site Locations			
6.2	Off-site EPA Identification Number (RCR Offsite Location Name: WORLD RESOURCES Street Address: 8113 WEST SHERMAN ST. City: PHOENIX State: AZ Is Location under control of reporting 1) A.Transfers: 500 - 999 B.Basis of	County: MAR ZIP: 850 Facility or	ICOPA 43 parent co	.? N
7A.	ON-SITE WASTE TREATMENT METHODS AND EFF	FICIENCY		
	a.General b.Waste Treatment c.Range Waste Method(s) Sequence Influ Stream Conce	e of d.Effi ment Esti		Based on Operating Data?
7A.1	NA	0	.00	
7B.	ON-SITE ENERGY RECOVERY PROCESSES 1.NA			
7C.	ON-SITE RECYCLING PROCESSES 1.NA			
8.1.A	Quantity released			5
8.1.B	Quantity released			5
8.1.C	Quantity released			5
8.1.D	Quantity released			5
8.2.A	Quantity used for energy recovery on-si	ita		0
8.2.B	Quantity used for energy recovery on-si	ite		Ó

8.2.C	Quantity used for energy recovery on-site	0
8.2.D	Quantity used for energy recovery on-site	0
8.3.A	Quantity used for energy recovery off-site	0
8.3.B	Quantity used for energy recovery off-site	0
8.3.C	Quantity used for energy recovery off-site	•
8.3.D	Quantity used for energy recovery off-site	0
8.4.A	Quantity recycled on-site	6
8.4.B	Quantity recycled on-site	0
8.4.C	Quantity recycled on-site	0
8.4.D	Quantity recycled on-site	0
8.5.A	Quantity recycled off-site	49
8.5.B	Quantity recycled off-site	781
8.5.C	Quantity recycled off-site	900
8.5.D	Quantity recycled off-site	900
8.6.A	Quantity treated on-site	0
8.6.8	Quantity treated on-site	
8.5.C	Quantity treated on-site	8
8.6.D	Quantity treated on-site	Ó
8.7.A	Quantity treated off-site	0
8.7.B	Quantity treated off-site	Ů
8.7.C	Quantity treated off-site	0
8.7.D	Quantity treated off-site	0
8.8	Quantity released from catastrophic/remedial actio	on 0
8.9	Production ratio or activity index	2.31

U.S. Environmental Protection Agency Office of Prevention, Pesticides and Toxic Substances Office of Pollution Prevention and Toxics Information Management Division

FACILITY TRI SUBMISSION SUMMARY FOR REPORTING YEAR 1995 02/20/98

TRI-FACILITY-ID: 98134-LSKNC-32006

ALASKAN COPPER WORKS 3200 6TH AVE. S. SEATTLE, WA 98134

	CAC	MIIMDED

DOCUMENT	OR			
CONTROL	CATEGORY	CHEMICAL	POST DATE	POST DATE
NUMBER	CODE	NAME	ORIGINAL	revision
13950904890	81WA N090	CHROMIUM COMPOUNDS	07/02/96	09/16/37
13950904891	05WA N450	MANGANESE COMPOUNDS	09/16/97	09/16/97
13950904890	93WA N495	NICKEL COMPOUNDS	07/02/96	09/16/97
13950904890	79WA 007697372	NITRIC ACID	07/02/96	09/16/97